

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

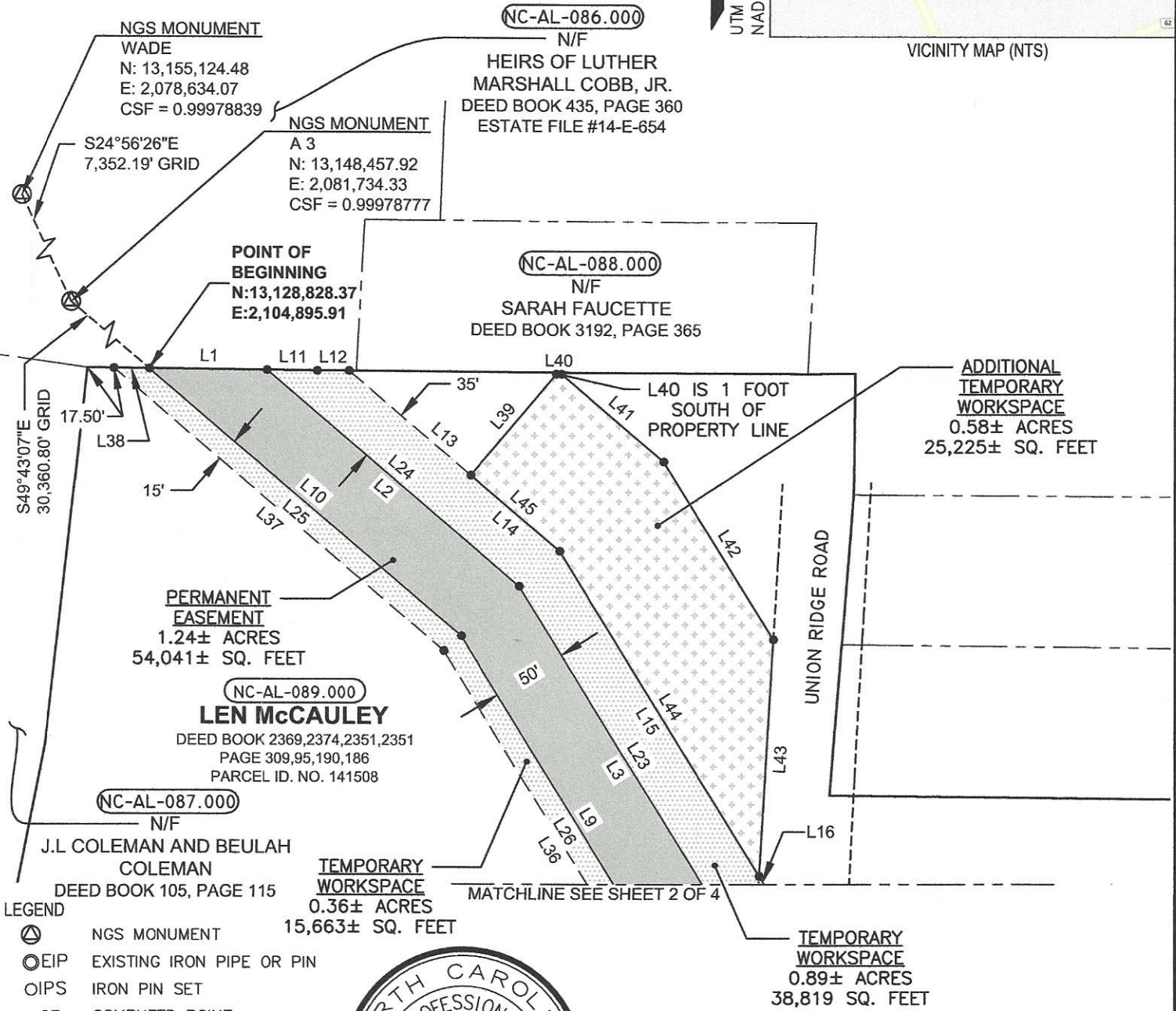
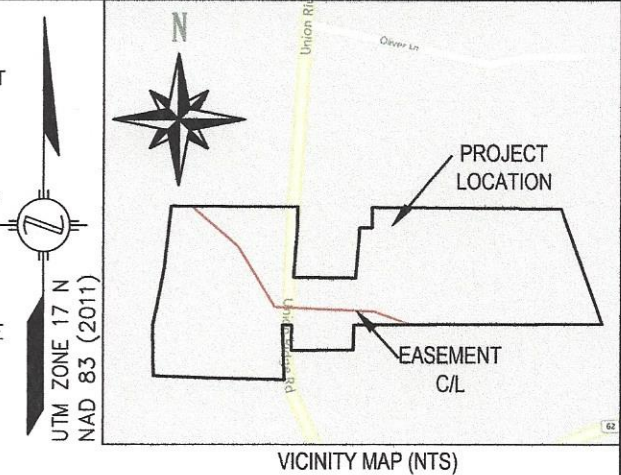
Exhibit 21 to Complaint

Map of MVP Parcel No. NC-AL-089.000

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 2369,2374,2351,2351 PAGE 309,95,190,186.
5. PARCEL ID: 141508
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



- LEGEND
- NGS MONUMENT
 - EIP EXISTING IRON PIPE OR PIN
 - OIPS IRON PIN SET
 - CP COMPUTED POINT
 - LINE NOT TO SCALE



- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 2369,2374,2351,2351 page 309,95,190,186) that the ratio of precision as calculated is 1:10,000+; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 2nd day of May, 2020.

Thomas Warner Kimmel
THOMAS WARNER KIMMEL, PLS L-3674

TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591

LAND OWNER INITIALS: _____
DATE: _____

LEN McCAULEY

AREA OF PERMANENT EASEMENT: 54,041± sq. ft. 1.24 ACRES
AREA OF TEMPORARY WORKSPACE: 54,482± sq. ft. 1.25 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE: 52,889± sq. ft. 1.21 ACRES

CENTERLINE OF ACCESS ROAD: 1,081± feet 65.52± rods

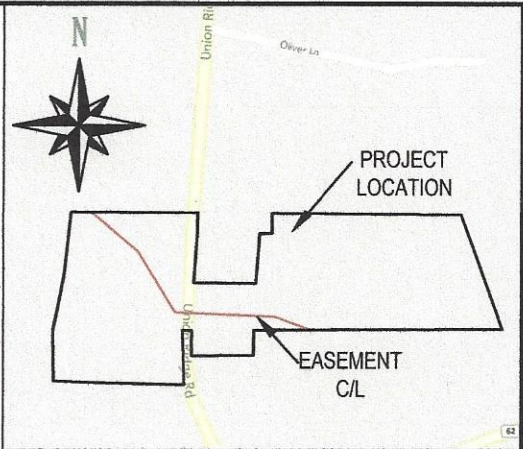
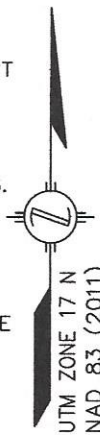
SEE SHEET 4 OF 4 FOR LINE TABLES & DETAILS

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF FAUCETTE ALAMANCE COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF LEN McCAULEY				
NC-AL-089.000 DEED BOOK 2369,2374,2351,2351 PAGE 309,95,190,186				
Drawn By: AHP	Chk'd By: DD	App'd By: TWK	Scale: 1"=100'	
Drawn Date: 2/11/19			Sheet: 1 OF 4	
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
3	3/13/2019	DJB	UPDATED OWNER INFO	DD
4	4/15/2020	DKD	UPDATED ROUTE	TWK
5	5/2/2020	DKD	UPDATED OWNER INFO	TWK
No.	Date	Rev By	Description	Checked

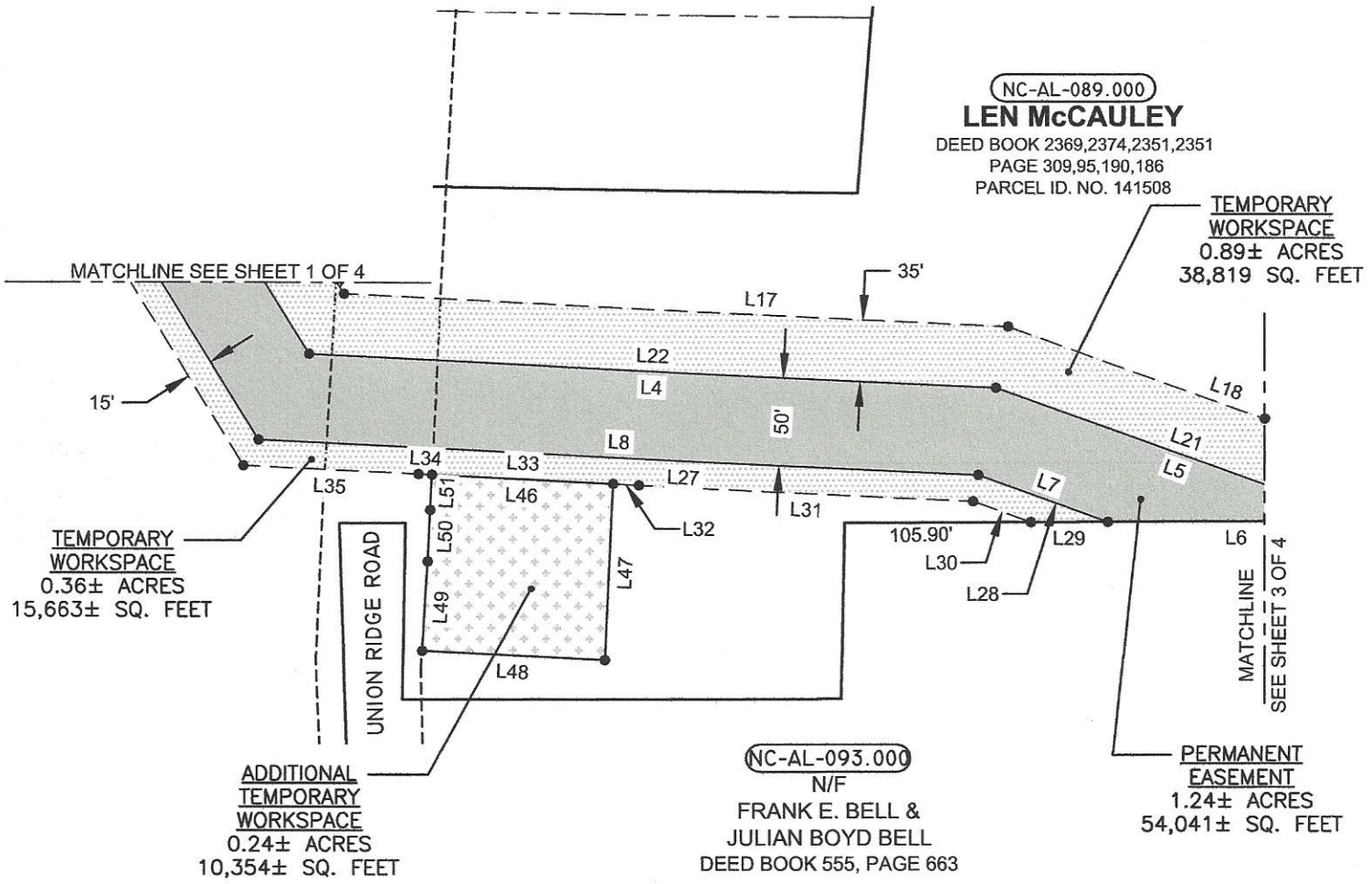
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10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



VICINITY MAP (NTS)



NC-AL-089.000

LEN McCAULEY

DEED BOOK 2369,2374,2351,2351
PAGE 309,95,190,186
PARCEL ID. NO. 141508

TEMPORARY

WORKSPACE

0.89± ACRES

38,819 SQ. FEET

TEMPORARY

WORKSPACE

0.36± ACRES

15,663± SQ. FEET

ADDITIONAL

TEMPORARY

WORKSPACE

0.24± ACRES

10,354± SQ. FEET

NC-AL-093.000

N/F

FRANK E. BELL &

JULIAN BOYD BELL

DEED BOOK 555, PAGE 663

PERMANENT

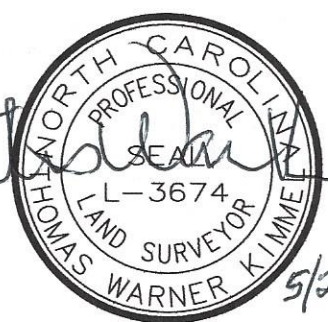
EASEMENT

1.24± ACRES

54,041± SQ. FEET

LEGEND

- NGS MONUMENT
- EXISTING IRON PIPE OR PIN
- IRON PIN SET
- COMPUTED POINT
- LINE NOT TO SCALE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
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- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE



LAND OWNER INITIALS: _____
DATE: _____

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

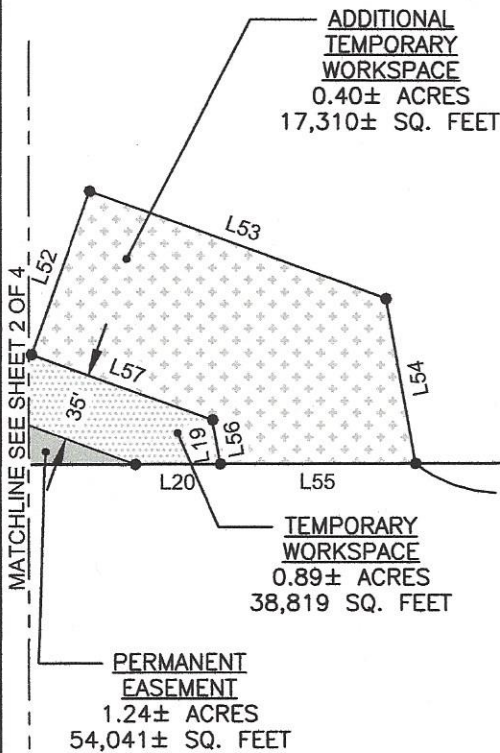
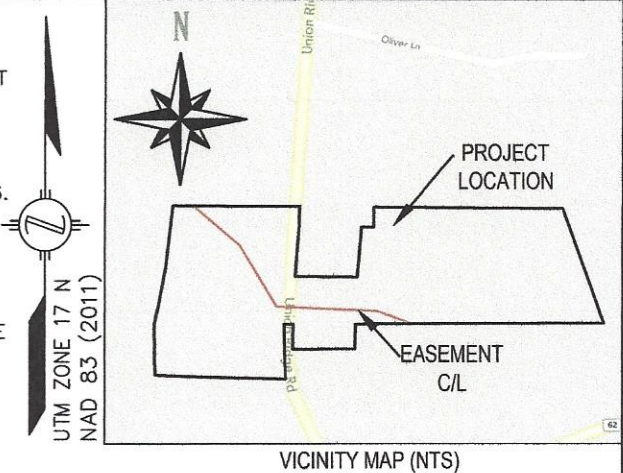
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Drawn By: AHP	Chk'd By: DD	App'd By: TWK	TRC Proj. No. 300423	Scale: 1"=100'
Drawn Date: 2/11/19			Sheet: 2 OF 4	MVP Proj. No.
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
3	3/13/2019	DJB	UPDATED OWNER INFO	DD
4	4/15/2020	DKD	UPDATED ROUTE	TWK
5	5/2/2020	DKD	UPDATED OWNER INFO	TWK
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LEN McCAULEY
DEED BOOK 2369,2374,2351,2351
PAGE 309,95,190,186
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NC-AL-093.000
N/F
FRANK E. BELL & JULIAN BOYD BELL
DEED BOOK 555, PAGE 663

LEGEND

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EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	S89°25'09"E	78.19'
L2	S49°39'58"E	219.90'
L3	S31°41'28"E	273.89'
L4	S87°19'36"E	391.45'
L5	S70°12'29"E	223.28'
L6	S89°47'59"W	146.24'
L7	N70°12'29"W	78.33'
L8	N87°19'36"W	410.30'
L9	N31°41'28"W	292.37'
L10	N49°39'58"W	272.10'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L11	S89°25'09"E	33.32'
L12	S89°49'19"E	21.23'
L13	S49°39'58"E	106.00'
L14	S49°39'58"E	77.59'
L15	S31°41'28"E	252.42'
L16	S31°41'30"E	8.54'
L17	S87°19'36"E	378.25'
L18	S70°12'29"E	258.49'
L19	S10°14'59"E	23.01'
L20	S89°47'59"W	44.11'
L21	N70°12'29"W	223.28'
L22	N87°19'36"W	391.45'
L23	N31°41'28"W	273.89'
L24	N49°39'58"W	219.90'
L25	S49°39'58"E	272.10'
L26	S31°41'28"E	292.37'
L27	S87°19'36"E	410.30'
L28	S70°12'29"E	78.33'
L29	S89°47'59"W	43.87'
L30	N70°12'29"W	34.84'
L31	N87°19'37"W	190.40'
L32	N86°44'14"W	14.83'
L33	N87°24'41"W	103.27'
L34	N87°19'37"W	7.58'
L35	N87°19'36"W	99.89'
L36	N31°41'28"W	297.91'
L37	N49°39'58"W	287.76'
L38	S89°25'09"E	23.46'


ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L39	N40°20'02"E	87.88'
L40	S89°44'24"E	3.46'
L41	S49°35'54"E	89.18'
L42	S31°43'28"E	138.43'
L43	S03°23'53"W	156.70'
L44	N31°41'28"W	252.42'
L45	N49°39'58"W	77.59'
L46	S87°24'41"E	103.27'
L47	S02°40'24"W	100.00'
L48	N87°19'36"W	104.32'
L49	N03°40'39"E	50.80'
L50	N02°51'57"E	29.04'
L51	N02°51'53"E	20.01'
L52	N19°47'31"E	89.76'
L53	S70°12'29"E	163.61'
L54	S10°14'59"E	86.58'
L55	S89°47'59"W	101.56'
L56	N10°14'59"W	23.01'
L57	N70°12'29"W	100.00'

SEE SHEET 1-3 FOR GRAPHICS AND LABELS



LAND
OWNER
INITIALS: _____

DATE: _____

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